

81/Bom/82. Nandan Ramdas Chittal. One-piece circular blade for fans.

3rd April 1982

82/Bom/82. Gangaram Chander Waghmare. Light emitting footwear.

83/Bom/82. Haridas Jagannath Patil. Comb-brush with trough.

5th April 1982

84/Bom/82. Sudhir Malhotra. Gas meter for measuring the amount of gas consumed by low pressure gas stoves.

85/Bom/82. Dr. Shantilal K. Sanghani. A trailer attachable to transport vehicles.

7th April 1982

86/Bom/82. Jayesh Ramesh Bellare & Arvind Pandurang Kudchadkar. Instrument for the continuous and automatic measurement of refractive index and for recording and control of a physico-chemical process dependent on refractive index.

87/Bom/82. Madhav Vasudeo Kunte. Wind mill with cyclic pitch control of its vanes (blades) during their revolution about the axis of the mill.

8th April, 1982

88/Bom/82. Parson Industries. A method for introducing magnesium in vapour form through molten metals.

89/Bom/82. Voltas Limited. A device for use in fluid system for circuit for permitting fluid flow in one direction upto a set limit and free fluid flow in the opposite direction and a fluid system or circuit containing the same.

90/Bom/82. Mitsubishi Denki Kabushiki Kaisha. Distance relay.

91/Bom/82. Marathe Research Foundation. Threshold relay.

92/Bom/82. Nirmal Pannalal. A welding rod holder.

93/Bom/82. Marathe Research Foundation. Single lap transverse feed system for blow room.

12th April 1982

94/Bom/82. Jyoti Limited. An apparatus and method for manufacturing accurate parabolic shapes.

APPLICATIONS FOR PATENTS FILED AT THE PATENT OFFICE BRANCH, 61, WALLAJAH ROAD, MADRAS-600 002.

21st April, 1982

79/Mas/82. Automac (Madras) Private Limited. A soldering machine.

COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of patents on any of the applications concerned, may, at any time within four months of the date of this issue or within such further period not exceeding one month applied for on Form 14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months, give notice to the Controller of Patents on the prescribed Form 15, of such opposition. The written statement of opposition should be filed along with the said notice or within one month of its date as prescribed in Rule 36 of the Patents Rules, 1972.

"The classifications given below in respect of each specification are according to Indian Classification and International Classification."

A limited number of printed copies of the specifications listed below will be available for sale from the Government of India Book Depot, 8, Kiran Sankar Roy Road, Calcutta, in due course. The price of each specification is Rs. 2/-

(postage extra if sent out of India). Requisition for the supply of the printed specifications should be accompanied by the number of the specifications as shown in the following list.

Typed or photo copies of the specifications together with photo copies of the drawings, if any, can be supplied by the Patent Office, Calcutta on payment of the prescribed copying charges which may be ascertained on application to that office. Photo copying charges may be calculated by adding number of pages in the specification and drawing sheets mentioned below against each accepted specification and multiplying the same by four to get the charges as the copying charges per page are Rs. 4/-.

CLASS—195B & G.

149926.

Int. Cl. F16K 11/14.

MULTIWAY VALVE USED IN PNEUMATIC CONTROL SYSTEMS.

Applicants: FESTO-MASCHINENFABRIK GOTTLIEB STOLL, OF ULMER STRASSE 48, ESSLINGEN A.N., WEST GERMANY.

Inventors: KURT STOLL AND JAN R. DEFRIES.

Application No. 516/Cal/78 filed May 12, 1978.

Convention date December 22, 1977 (53418/77) U.K.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

9 Claims.

A multiway valve used in pneumatic control systems including a movable partition defining a main valve chamber wherein a main valve body is supported in an axially adjustable manner, and a control valve chamber wherein is located a control valve body which is actuated from externally of the valve, the partition having its outer circumference anchored in the valve and being secured to the main valve body, on operating line and a pressure line which open into the main valve chamber, the pressure line, depending on the position of the main valve body, selectively communicating with, or being isolated from, the operating line, a connecting line, which is open to the pressure line, and which extends through the main valve body from a first end thereof adjacent to the pressure line, into the control valve chamber, a tube located in the connecting line in the main valve body and having at one end a seating surface for the control valve body, the tube being biased towards a predetermined end position in one direction of movement towards the control valve body, but being movable in the opposite direction of movement, a control exhaust line in the control valve chamber which is closed when the control valve body assumes a first end position opening the connecting line, the control valve body opening the control exhaust line when assuming its second end position on the tube seating surface closing the connecting line, and the area of the partition to which pressure is applied from the side thereof facing the control valve chamber exceeding the area on the main valve body to which pressure is applied in the opposite direction, said side of the partition being unrestrained.

Comp. Specn. 15 Pages. Drg. 1 Sheet.

CLASS—32A & 32F.

149927.

Int. Cl. C07d 27/48; C09b 57/00.

PROCESS FOR THE PRODUCTION OF ISO-INDOLINE NONE COMPOUNDS.

Applicants: SANDOZ LTD., OF LICHTSTRASSE 35, 4002 BASLE, SWITZERLAND.

Inventor: DIMITRIOS KARANATSIOS.

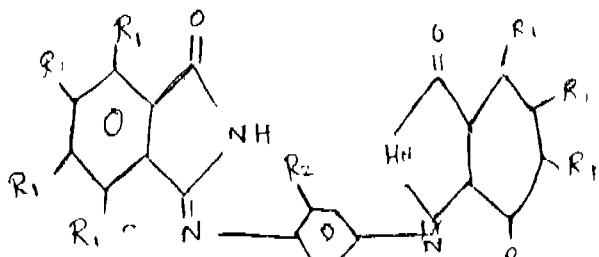
Application No. 763/Cal/78 filed July 11, 1978.

Convention date 12th July, 1977 (29195/77) U.K.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

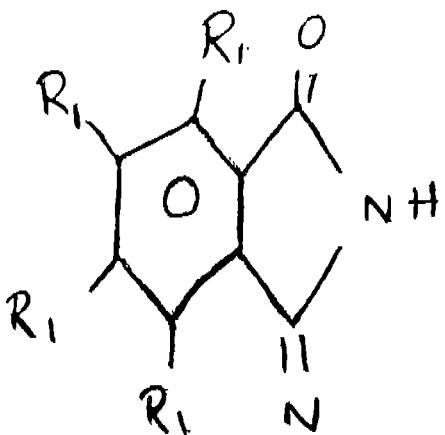
5 Claims.

A process for the production of a compound of formula I.



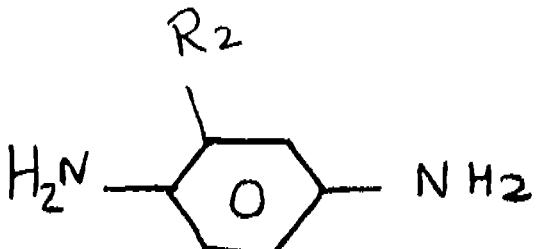
Formula I

wherein R_1 six independently, are chloride or bromine, and R_2 is fluorine, chlorine, bromine, methyl, ethyl, ethoxy, and trifluoromethyl, comprising reacting two moles of a compound of formula II



Formula II

wherein X is NH, S, Cl₂ or (OR)₂, where R is alkyl and R's are as stated above, with one mole of a compound of formula III:



Formula III

where R^a is as stated above.

Compl. Specn. 7 Pages. Drg. 1 Sheet.

CLASS—63J & 126A

149928.

Int. Cl. H02K 7/08.

IMPROVEMENTS IN MECHANICAL ASSEMBLIES PARTICULARLY BEARING ASSEMBLIES EMPLOYING A SENSING MEANS FOR SENSING MOTION OR POSITION.

Applicants: RANSOME HOFFMANN POLLARD LIMITED, OF NEW STREET, CHELMSFORD ESSEX CM1 1PU, ENGLAND.

Inventors: EDWARD JOHN BLOOM FIELD AND FREDERICK SYDNEY PENMAN.

Application No. 785/Cal/78 filed July 15, 1978.

Convention date 22nd July 1977 No. 30895/77 (U.K.) and 14 Dec. 77 (52119/77) U.K.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

25 Claims.

A mechanical assembly particularly a bearing assembly, employing sensing means for sensing positional relationships or motion, said assembly comprising first and second relatively movable parts, means mounted directly or indirectly to the first part for movement therewith with the sensing means being mounted directly or indirectly to the second part for sensing the movement of the means mounted to the first part in relation to the second part; wherein the sensing means employs an inductive element or sensor, oscillatory circuit means for directly energising the inductive element to create a magnetic field which is influenced by the passage of said means mounted to the first part and means for producing a signal dependent on said influence and indicative of said movement of the first part.

Compl. Specn. 26 Pages. Drg. 6 Sheets.

CLASS—32E & F_{2a} & F_{2c}

149929.

Int. Cl. C07C 9/04; C08g 22/00.

IMPROVED PROCESS FOR PREPARING ORGANIC ISOCYANATES.

Applicants: MITSUI TOATSU CHEMICALS, INCORPORATED, OF NO. 2-3, KASUMIGASEKI 3-CHOME CHIYODA-KU, TOKYO, JAPAN.

Inventors: RYUICHI YAMAMOTO, KOUSUKE YAMAMOTO, TERUYUKI NAGATA AND KENJI OBATA.

Application No. 1160/Cal/78 filed 26th Oct, 1978.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

12 Claims.

In a process for preparing an organic isocyanate including reacting an organic amine with phosgene to yield a reaction product containing the corresponding organic isocyanate and subjecting said reaction product to purification, the improvement which comprises passing hydrogen chloride gas through said reaction product in the presence of an inert organic solvent as herein described the concentration of said react product in said inert organic solvent being from 3 to 50% by weight whereby the gas included in said reaction product is removed and the acid substances and hydrolyzable chlorine-containing substances included therein are minimized.

Compl. Specn. 18 Pages. Drg. Nil.

CLASS—108C.

149930.

Int. Cl. C21C 1/08.

MELT PROCESSING APPARATUS WITH TILTABLE MELT RECEPTACLE.

Applicants: GEORG FISCHER AKTIENGESELLSCHAFT, SCHAFFHAUSEN, SWITZERLAND.

Inventor: HANS-LUSTENBERGER.

Application No. 1269/Cal/78 filed 23rd November, 1978.

Appropriate Office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

1 Claims.

A melt processing apparatus having an elongated processing receptacle tiltable about a generally horizontal axis extending perpendicular to the longitudinal axis of said receptacle for producing iron-carbon melt with nodular graphite, the apparatus comprising: a generally horizontally extending beam directly coupled to and supporting the receptacle, said receptacle and said beam generally being in the same horizontal plane; a vertical column; and means for supporting said beam on said column, said supporting means being arranged at least partially underneath said beam for vertical movement thereof along the column, said beam, said supporting means and said receptacle being swivelable as a unit about the longitudinal

axis of said column, said supporting means including weighing means for measuring the weight of said beam and said receptacle.

Compl. Specn. 17 Pages. Drg. 5 Sheets.

CLASS—61A & H.

149931.

Int. Cl. A23f 3/00; 3/04.

MACHINE FOR EFFECTING WITHERING OF TEA LEAVES.

Applicants : SOMNATH ROY, OF 229 B. N. ROAD, CALCUTTA-60, STATE OF WEST BENGAL, INDIA.

Inventor : SOMNATH ROY.

Application No. 636/Cal/79 filed 20th June, 1979.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims.

A machine for withering of tea leaves or other vegetable material comprising : a closed trough divided into an upper chamber and a lower chamber by means of a perforated bed extending along the length of the trough, an expansion chamber at each end of the trough, said expansion chambers being generally of frusto-conical section with their wider ends communicating with the trough, the outer ends of the said expansion chambers communicating respectively with one or more reversible fans, a damper provided in each expansion chamber being pivoted along one side to said perforated bed and adapted to be moved from one operative position to another operative position such that in one position of each of the dampers the air is caused to flow through the said perforated bed and/or the leaves from the chamber to the upper chamber and in another position of each of the dampers the air is caused to flow through the said perforated bed and/or the leaves from the upper chamber to the lower chamber.

Compl. Specn. 11 Pages. Drg. 1 Sheet.

CLASS—61A.

149932.

Int. Cl. A23f 3/00.

A PRECONDITIONING DEVICE FOR TEA LEAVES.

Applicant & Inventor : SOMNATH ROY, OF 229 B. N. ROAD, CALCUTTA-60, STATE OF WEST BENGAL, INDIA.

Application No. 637/Cal/79 filed 20th June 1979.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims.

A preconditioning device to be used as an attachment with a tea drying machine or to be installed between a fermenting machine and tea drying machine for the purpose of reducing the moisture content of the tea leaves comprising an enclosed main chamber having within it a fluidizing chamber, a fixed grid plate with perforations fitted within the chamber and forming the bed of the fluidizing chamber, a feed inlet for feeding the tea leaves to be treated to the fluidizing chamber, the space below the fluidizing bed communicating with duct for the supply of air under pressure, means provided below the grid plate for regulating the volume of heated air which is made to pass through the grid plate and a discharge opening for the treated leaves to be removed after treatment in the fluidizing chamber.

Compl. Specn. 10 Pages. Drg. 1 Sheet.

CLASS—172D₇.

149933.

Int. Cl. D01h 13/04.

GUIDING MEANS FOR COLLECTING FIBRE NAPS FROM TEXTILE FIBRE DRAW ROLLERS AND FORMING ROVINGS THEREFROM.

Applicants : TRUTZSCHLER GMBH & COMPANY, KG, DUVENSTR. 82-92 D-4050 MONCHENGLADBACH-3, FEDERAL REPUBLIC OF GERMANY.

Inventor : HERR DR. ULRICH VOLLRATH.

Application No. 902/Cal/79 filed 29th Aug. 1979.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

9 Claims.

Guiding means for collecting fibre naps from textile fibre draw rollers and forming rovings therefrom, comprising a deflector straddling the roving and having its upper longitudinal edge disposed immediately adjacent the upper roller characterised in that the lower longitudinal edge of the deflector is spaced away from the lower roller.

Compl. Specn. 8 Pages. Drg. 2 Sheets.

CLASS—152E.

149934.

Int. Cl. B29b 1/00.

A PROCESS FOR MAKING THERMOPLASTIC MOULDING MATERIALS.

Applicants & Inventor : SANJOY ROY, C/O M. ROY, 81/A, MANICKTALA STREET, CALCUTTA-700006, WEST BENGAL, INDIA.

Application No. 1239/Cal/79 filed November 26, 1979.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims. No drawings.

A process for making thermoplastic moulding material characterised in that a mixture of shellac, a binder such as resin or wood rosing or a mixture thereof, a filler such as aluminium oxide silica, carbon black or a mixture of substance thereof a plasticiser such as castor oil, glycerine, dibutyl phthalate or a mixture of substances thereof and a whitening agent like titanium dioxide in appropriate proportions is homogenised well in a mixer by heating them at a temperature of from 100-200°C to get a jelly-like molten mass, which is extruded into fine sticks, cooled and then shredded into small pieces to obtain the material in the form of opaque-white granules which may be additionally coloured to the desired shade by adding organic dyestuffs or inorganic colouring materials.

Compl. Specn. 7 Pages. Drg. Nil.

CLASS—32F₉(d)

149935.

Int. Cl. C07C 175/00.

IMPROVED PROCESS FOR THE PREPARATION OF PURE β -IONONE.

Applicants :—COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH RAFI MARG, NEW DELHI-1, INDIA.

Inventors :—CHAKRABORTY DEVAKUMAR, SRINIVASAIYFR RAMESH AND DR. GOPAL RAO MALLAVARAPU.

Application No. 473/Del/78 filed 24th June 1978.

Complete specification left 5th September 1979.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972) Patent Office, Delhi Branch.

4 Claims. No drawings.

An improved process for the preparation of pure beta ionone from lemongrass oil which comprises the preparation of pseudo ionone by condensation of lemongrass oil acetone in the presence of an alkali followed by conversion of pseudo ionone to beta ionone in the presence of an acid catalyst characterised in that the conversion reaction is carried out in the presence of n-hexane as a solvent at a temperature of upto 5°C and that the solvent hexane is recovered for reuse.

Compl. Specn. 7 Pages.

Drg—Nil.

OPPOSITION PROCEEDINGS

(2)

The opposition entered by M/s. Cemendia Ltd., to the grant of a Patent on application for Patent No. 140412 made by M/s. Chiyoda Chemical Engineering & Construction Company Ltd. notified in the Gazette of India, Part-III, Section 2 dated the 28th May, 1977 has been dismissed and the application for patent allowed subject to amendment in the specification.

An opposition has been entered by Arudra Engineers Private Limited to the grant of a patent on application for Patent No. 149275 made by Ion Exchange (India) Ltd.

PATENTS SEALED

143633 148397 148716 148853 148906 148940 149005 149035
149069 149138 149140 149141 149157 149158 149187 149246
149260 149273 149274 149299 149306 149308.

COMMERCIAL WORKING OF PATENTED INVENTION

CHEMICAL LIST V.

The following Patents in the field of Chemical Industry are not being commercially worked in India as admitted by the Patentees in the statements filed by them under section 146(2) of The Patents Act, 1970, in respect of Calendar year, 1980, generally on account of want of requests for Licence to work the 'Patented inventions'.

Persons who are interested to work the said Patents commercially may contact the Patentees for the grant of Licence for the purpose.

Sl.No.	Patent No.	Date of Patent	Name and address of Patentees	Title of the invention
1	2	3	4	5
1.	119063	17-12-1968	LAPORTE TITANIUM LTD., Hanover House, 14, Hanover square, London W 1, England.	Improvements in or relating to the manufacture of titanium dioxide.
2.	122947	28-08-1969	DAIICHI SEIYAKU CO. LTD., 1-2, 3-chome Edobashi chuo-ku, Tokyo, Japan.	Method of preparing Comenic acid and derivatives thereof.
3.	126512	05-05-1970	LANKRO CHEMICALS LTD., Emerson House, Albert Street, Eccles, Manchester, M 30 0LJ, England.	Stabilizer composition for asbestos-filled polypropylene polymers.
4.	126547	06-05-1970	DEGUSSA, 9, Weisff, rauenstrasse, Frankfurt (main), West Germany.	Replenishment of the salts used in carbonization process carried out in a salt bath.
5.	126626	12-05-1970	AMERICAN CYANAMID COMPANY, Wayne, New Jersey, U.S.A.	Absorbable polyglycolic acid filaments useful as a suture of enhanced in vivo strength retention, and method and apparatus for preparing same.
6.	127352	01-07-1970	UNION CARBIDE CORPORATION, 270, Park Avenue, New York, State of New York 10017, U.S.A.	Biochemical oxidation with low sludge recycle.
7.	127353	01-07-1970	Do.	Bio-oxidation with low sludge yield.
8.	127354	01-07-1970	Do.	Staged oxygenation of water containing biochemically active oxidizable material.
9.	127355	01-07-1970	UNION CARBIDE CORPORATION, 270, Park Avenue, New York, state of New York 10017, U.S.A.	Method for treating water containing biochemically oxidisable material.
10.	127399	04-07-1970	TENCO BROOKE-BOND LTD., 35, Camon Street, London EC 4, England.	Process for the enzymatic solubilization of tea cream.
11.	127512	13-07-1970	UNITED KINGDOM ATOMIC ENERGY AUTHORITY, 11 Charles II Street, London SW 1, England.	Method of producing a membrane assembly and an apparatus for use therein.
12.	127513	13-07-1970	Do.	Reverse osmosis membrane assemblies.
13.	127626	20-07-1970	SNAMPROGETTI S. P. A., 16 Corso Venezia, Italy.	Process for the extraction of aromatic hydrocarbons.
14.	127646	21-07-1970	Do.	Process for the separation of conjugated diolefins from mixtures containing the same.
15.	127658	22-07-1970	Do.	Process for the extraction of aromatic hydrocarbons from mixtures of aromatic and aliphatic hydrocarbons.
16.	127725	27-07-1970	ROHM AND HASS CO., Independence Mall West, Philadelphia, Pennsylvania, 19105, U.S.A.	Process for preparing a resin having cross linked polymeric resin matrix.

1	2	3	4	5
17.	127752	28-07-1970	HOECHST AG., 45, Bruningstrasse, Frankfurt, Main West Germany.	Process for preparing of new water-insoluble monoazodyestuffs, plastics and textile materials printing ink and lacquers having said dyestuffs.
18.	127753	28-07-1970	Do.	Process for the manufacture of copper-containing monoazo dyestuffs.
19.	127973	11-08-1970	UNION CARBIDE CORPORATION, 1270, Park Avenue, State of New York 10017, U.S.A.	Cryogenic air separation process.
20.	127981	11-08-1970	ISHIHARA SANGYO, KAISHA LTD, No. 11-1, Edobori, Kannidorm 1-chome, Nishi-ku, Osaka, Japan.	Process for producing titanium dioxide concentrate.
21.	127983	11-08-1970	ROSTERO S. A., 12, AV. Industrielle, Geneve, Acacias, Switzerland.	Apparatus and method for the casting of resin sheets from polymethylizable flowable material.
22.	128182	26-08-1970	FARBWERKE HOECHST AG., VORMALS MEISTER LUCTUS BRUNING 45, Brunirastrasse, Frankfurt, Main West Germany.	Process for preparing new water soluble monoazo dyestuffs.
23.	128193	26-08-1970	BENSON, FIELD AND EPES, 640, Spruce Lance, Berwyn, Commonwealth of Pennsylvania, U.S.A.	Separation of CO ₂ and H ₂ S from gas mixtures.
24.	128253	01-09-1970	UNION CARBIDE CORPORATION, 270, Park Avenue, New York, State of New York 10017, U.S.A.	Process for making metal additions to molten aluminium bath for making alloys thereof.
25.	128278	02-09-1970	SNAMPROGETTI S. P.A., 16, Corso Venezia, Milan, Italy.	Process for the production of ethylene oxide.
26.	129926	13-01-1971	LAPORTE INDUSTRIES LTD., Hanover House, 16, Hanover-square, London W 1R 0BE, England.	Process for treating oxide pigments.
27.	130379	25-02-1971	F L. SMIDTH & CO., A/s, 77, Vigerslev Allé, Dk-2500, Copenhagen Valby, Denmark.	Treatment of cement raw materials and plants for use therem.
28.	130416	01-03-1971	SHELL INTERNATIONALE RESEARCH MATERIAALEN B.V., Carel Van Bylandtlaar 30, The Hague, Netherlands.	Process for the selective removal of hydrogen sulphide from gases containing hydrogen sulphide and carbon dioxide.
29.	130799	30-03-1971	UBE INDUSTRIES LTD., 12-32, 1-chome, Nishihorimachi, Uke-shi, Yamaguchi-ken, Japan.	Process for the treatment a reaction product obtained by oxidation of cyclohexanes.
30.	131002	16-04-1971	DR. C. OTTO & COMP. GMBH., Bochum, West Germany.	Byproduct coke oven.
31.	131235	04-05-1971	CENTRAL GLASS CO. LTD., 5253, Oza Okubo, Ube-shi, Yamaguchi-ken, Japan.	Process for the production of high quality synthetic cryolite.
32.	131405	18-05-1971	INTERNATIONAL NICKEL LTD., Thames House, Milbank, London, England.	Treatment of corrosion resistant chromium containing alloys.
33.	131530	30-06-1971	EISENWERK-GESELLSCHAFT MAXMILIASHUTTE mbH, Sulzbach Rosenbert Hütte, West Germany.	Process and apparatus for making steel.
34.	131968	02-07-1971	FARBWERKE HOECHST AG., 45, Bruningstrasse, Frankfurt Main, West Germany.	Manufacturing novel water soluble monoazodyestuffs.
35.	131995	05-07-1971	FIERRO ESPONJA SA., Avenida Los Angeles al Oriente, Monterrey N. 4, Republic of Mexico.	Method and apparatus for reducing particulate metal dust.
36.	132031	08-07-1971	FARBWERKE HOECHST AG., 45 Bruningstrasse, Frankfurt Main, West Germany.	Manufacture of fast dyes for printing on fibers materials containing cellulose.
37.	132048	09-07-1971	UNIVERSAL OIL PRODUCTS CO., 30, Algonquins Road, Des plaines, State of Illinois, U.S.A.	Solid phosphoric acid catalyst and method of manufacture and use thereof.

1	2	3	4	5
38.	132263	27-07-1971	OSTERREICHISCH-AMERIKANS-CHE MAGNET AG, Badenhein, Carinthia, Austria.	Process of producing a sintered refractory material.
39.	132295	29-07-1971	PHILIP MORRIS INCORPORATED, 100 Park Avenue, New York, 10017, U.S.A.	Process for puffing tobacco.
40.	132355	03-08-1971	HOECHST AG., 6230, Frankfurt/Main 80, West Germany.	Preparation of water soluble monoazo dyestuffs.
41.	132429	09-08-1971	ITEK CORPORATION, 10, Maguire Lexington, Massachusetts, U.S.A.	Improved photographic plate and process for producing the same.
42.	132472	11-08-1971	ROBERT BOSCH GMBH., Postfach 50, 7 Stuttgart, West Germany.	Liquid filter.
43.	132564	18-08-1971	JOHNS MANVILLE CORPORATION 22, East 40th Street, New York, State of New York 10016, U.S.A.	Process for bonding thermosetting resins to polymeric resins and polyvinyl chloride pipe product having a surface composition of said resins.
44.	132572	19-08-1971	HALCON, Two Park Avenue, New York 110016, U.S.A.	Improved process for the vapour phase oxidation of benzene to maleic anhydride.
45.	132622	23-08-1971	UNIFOAM AG., Portgarse 21, Glarus, Switzerland.	Production of polymeric foam.
46.	132627	23-08-1971	ETABLISSEMENT SALGAD, Vaduz, Liechtenstein.	Explosive device.
47.	132648	24-08-1971	HOECHST AG., 6230, Frankfurt/Main 80, West Germany.	Process for the preparation of monoazo pigments.
48.	134393	25-01-1972	LAPORTE INDUSTRIES LTD., Hanover home, 14, Hanover Square, London, WIR OBE, England.	Improvements in benefication of ores.
49.	134523	07-02-1972	AIKOH CO. LTD., 1-30, 2-chome, Ikenohata, Taito-ku, Tokyo, Japan.	Slag forming agent for the steel making.
50.	135134	03-04-1972	LAPORTE INDUSTRIES LTD., Hanover House, 14 Hanover Square, London WIR OBE, England.	Improvements in and relating to a process of beneficiation of ilmenite ores.
51.	135315	18-04-1972	1. NITTO KAGAKU KOGYO KABUSIKI KAISHA NITTO CHEMICAL INDUSTRY CO. LTD., 5-1, Maenouchi 1-chome, Chiyoda-Tokyo, Japan. 2. MISUBISHI RAYON KABUSHI KAISHA, 8, 2-chome Kyobashi, chuo-ku, Tokyo-20, Japan.	Process and apparatus for the production of acetone cyanohydrin.
52.	135584	20-07-1972	AKADEMIA GORNICZO-HUTNICZA in stanisława, Staszica w krakowie 30, Mickiewicza Str. Poland.	Method of protecting refractory brick work against corrosion.
53.	135780	22-08-1972	E.I.DU PONT DE NEMOURS & CO., Wilmington, Delaware, U.S.A.	Preparation of textured polyester yarn.
54.	135863	05-07-1972	RHONE-PROGIL, 6-rue Picani, 75 Paris 16e France.	Process for carrying out bulk polymerisation.
55.	136123	01-08-1972	CIBA-GIEGY AKTIENGESELLSCHAFT, 141, Klybeck strasse, Basle, Switzerland.	Process for manufacturing new dyestuff Salts.
56.	136237	21-08-1972	HOECHST AG., 6230, Frankfurt/Main 80, West Germany.	Preparation of novel water soluble monoazo dyestuffs.
57.	136245	27-04-1972	AIKOH CO. LTD., No. 1-39, 2-chome, Ikenohata, Taito-ku, Tokyo, Japan.	Desulfurizing agent for a molten pig-iron.
58.	136262	17-08-1972	HOECHST AG., 6230, Frankfurt/Main 80, West Germany.	New water soluble monoazo pyrazolone dyestuffs and a process for preparing them.
59.	136349	11-07-1972	FARBWERKE HOECHST AKTIENGESELLSCHAFT, VORMALS MEISTER LUCIUS & BRUNING, 45, Bruning strasse, Frankfurt/Main, West Germany.	Preparation of fluorcarbon waxes.

1	2	3	4	5
60.	136430	27-06-1972	AIKOH CO. LTD., 1-30, 2-chome Ikenohata, Taito-ku, Tokyo, Japan.	Improved method of forming ingots of molten metals.
61.	136459	31-07-1972	UOP CO., 10 UOP Plaza-Agonquin & Mt. Prospects Roads, Des Plaines, Illinois, U.S.A.	Production of aryl substituted N-paraffins.
62.	136614	26-08-1972	SHELL INTERNATIONALE MAATSCHAPPIJ B.V., Carel Van Bylandtlaan, 30, The Hague, The Netherlands.	Process for the concentration and purification of aqueous solutions of ethylene oxide.
63.	136923	21-08-1972	USS ENGINEERS AND CONSULTANTS, INC., 600, Grant Street, Pittsburgh, State of Pennsylvania, U.S.A.	Method and apparatus for a continuous casting of a partially solidified strands of metal.
64.	137101	25-06-1973	SHELL INTERNATIONALE MAATSCHAPPIJ B. V., Carel Van, Bylandtlaan 30, The Hague, The Netherlands.	Process and apparatus for partial combustion of carbonaceous fuels to produce substantially soot free gases.
65.	137276	01-08-1972	NATIONAL RESEARCH DEVELOPMENT CORPORATION, 66-74, Victoria Street, London SW 1, England.	Process for the production of glass fibre reinforced Cementitious products.
66.	137308	01-08-1972	CIBA GIEGY AG, 141, Klybeckstrasse, Basle, Switzerland.	Process for the manufacture of azodyestuffs.
67.	137685	01-08-1972	NATIONAL RESEARCH DEVELOPMENT CORPORATION, King's Gate House, 66-74 Victoria Street, London SW 1, England.	Process for the production of glass-fibre reinforced cementitious products.
68.	137849	31-01-1973	SHELL INTERNATIONALE RESEARCH MATSCHAPPIJ B. V. Carel Van Bylandtlaan 30, The Hague, The Netherlands.	Process and apparatus for the manufacture of gases containing hydrogen and carbon monoxide.
69.	138172	10-08-1973	FOSTER WHEELER (INDIA) LTD., P.O. Box 62, Foster Wheeler House, Chapel Street, London NW 1, SDS, England.	Reduction of sulphur dioxide to sulphur.
70.	139617	12-09-1973	ICI LTD., Imperial Chemical House, Millbank London SW 1, England.	Process for the manufacture of phosphoric acid amides.
71.	139945	24-08-1973	CRAWFORD BROWN MURTON, Pittsburgh, Pennsylvania, 15221, U.S.A.	Method of applying refractory lining to metallurgical vessel and the metallurgical vessel so produced and composition used in the same.
72.	140283	28-07-1973	PEROLIN CO. INC., 84, Danbury Road, Wilton, Connecticut, U.S.A.	Method for inhibiting corrosion and ash deposition in fossil fuel burning equipment.
73.	140287	07-08-1974	PENNZOIL CO., Pennzoil Place, Houston, Texas, 77001, U.S.A.	Process for the production of potassium phosphate or polyphosphate.
74.	140364	26-07-1973	REGENTS OF THE UNIVERSITY OF CALIFORNIA, 2200, University Avenue Berkeley, California, U.S.A.	Rubber elastomeric and plastomeric materials containing amorphous carbonaceous silica.
75.	140480	27-2-1974	BELOIT CORPORATION, 1st Lamerevu Avenue, Beloit Wisconsin, 53511, U.S.A.	Pulp refiner element.
76.	140861	2-08-1974	UOP INC., 10 UOP Plaza, Algonquin & Mt. Prospects Roads, Des Plaines, Illinois, U.S.A.	Hydrogen fluoride alkylation process.
77.	140919	28-07-1973	MARATON OIL COMPANY, 539 South Main Street, Findlay, Ohio, 45840, U.S.A.	Process for preparing and transporting hydrocarbon mixtures as a slurry.
78.	141031	15-01-1976	INTEROX CHEMICALS LTD., Hanover House, 14, Hanover Square, London WIR OBE, England.	Process for epoxidation of an alkene by reaction with a peracid.
79.	141082	21-08-1973	BENEFIELD CORPORATION, 640 Spruce Lane, Berwyn, Commonwealth of Pennsylvania, U.S.A.	Aqueous solution for absorbing carbon dioxide from gas mixtures and method for the use thereof.
80.	141090	20-07-1974	ELKEM-SPIGERVERKET A/S, Elkemhuset, Middelthunsgate 27, Oslo, 3, Norway.	Method of producing pellets from ores and/or concentrates which contain metal oxides and the pellets made thereby.

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81.	141228	27-07-1974	BRUNO FABBIAN- Asigliano Veneto, Vicenza Via XI Fibrais-27fi, Italy.	Method of producing a dust diluent or carrier from anhydrous or hydrated calcium sulfate in granular or powder form.
82.	141401	23-07-1974	CHEMIE LINZ AKTIENGESELLSCHAFT, St Peterstrasse, 25, 4020, Linz, Austria.	Process for the preparation of sulphuric acid.
83.	142468	24-09-1974	SUN VENTURES INC., 100 Matsonford Rd, Radnor, Pennsylvania, 19087, U.S.A.	Ammonoxidation processes for the preparation of nitriles from m and p-xylene.
84.	142469	30-01-1974	CLUTTE PEABODY & CO. INC., 433, River Street, Troy New York, U.S.A.	Method and apparatus for recovery of ammonia from gas mixture.
85.	142473	05-06-1975	SNAM PROGETTI S.P.A. & Corse Venezia, 16 Milan, R Italy.	Process for producing urea.
86.	142479	16-11-1976	COMBUSTION ENG. INC., 1000, Prospect Hill Road, Windsor, Connecticut, U.S.A.	GAS cleaning system for combustion gases product by burning coal such as in pulverised coal fixed steam generators.
87.	142482	18-7-1974	CESKO SLOVENSKA AKADEMIE VED, Praha, Czechoslovakia.	Preparation of emulsions concentrated dispersions and pastes.
88.	142507	18-8-1975	SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B. V. Carel Van B Ylandlaan, 30, The Hague, The Netherlands.	Process for the production of hydrogen, carbon monoxide and light hydrocarbon containing gases.
89.	142509	1-10-1975	Do.	Improvements relating to high pressure gasification.
90.	142514	27-8-1976	CHIEF CONTROLLER, Research & Development (General) Research Development Organisation, Ministry of Defence, Govt. of India, New Delhi, India.	Process for preparing re-coil fluid composition for preventing corrosion.
91.	142549	2-7-1974	SOLYAY & CIE, 33, Rue De Prince, Albert, B—1050, Brussels, Belgium.	Manufacture of polylactones from L, β -dihloro propionic acid or its derivatives.
92.	142550	16-7-1974	WESTINGHOUSE ELECTRIC CORPORATION, Pittsburgh, Pennsylvania,	Composition for forming thermo particulating coating which protects electrical apparatus.
93.	142595	20-11-1974	METALLGESELLSCHAFT AG., 16, Frankfurt AM. Reuterweg, 14, West Germany.	Process of simultaneously producing methanol and methane.
94.	142610	12-12-1974	NORTON CO., 1, New Bond Street, Worcester, State of Massachusetts, U.S.A.	Preparing zirconia-alumina abrasive grits.
95.	142619	9-4-1975	DR. G. OTTO & COMP. GMBH, Christstrasse, 9, Bochum West Germany.	Plant for the chemophysical surface treatment of wire coils.
95.	142629	1-11-1974	SUN VENTURES INC., 240, Radnor, Chaster Road, St. Davids, Pennsylvania 19087, U.S.A.	Preparation of block co-polymer of poly (dioxamide) and polyamide.
97.	142630	1-11-1974	SUN VENTURES INC., 240 Radnor Chester Road, St. Davids, Pennsylvania 19087, U.S.A.	Preparation of block copolymer of poly (dioxamide) and polyamide.
98.	142631	1-11-1974	Do.	Preparation of block co-polymer of poly (oxa-amide) and polyamide.
99.	142632	1-11-1974	Do.	Preparation of block copolymer of poly (dioxo-arylamide) and polyamide.
100.	142634	14-1-1975	CINCINNATI MILACRON CHEMICALS INC., Reading, State of Ohio, U.S.A.	Stabilizer composition containing dimethyltin esters.
101.	142640	12-1-1976	JOHNSON & JOHNSON? 501, George Street, New Brunswick, New Jersey, U.S.A.	Process for preparing a gel formulation of tretinoin for topical application.

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102.	142666	16-7-1974	WESTINGHOUSE ELECTRIC CORPORATION, Westinghouse Building, Gateway Center, Pittsburgh, Pennsylvania, U. S. A.	High pressure laminate and method of making the same.
103.	142672	13-01-1975	NITTO BOSEKI CO. LTD. 1, Aza Higashi, Cronom Fukushimashi, Japan.	Method and apparatus for manufacturing glass fibres.
104.	142682	16-06-1976	CHIEF CONTROLLER, Research Development, Ministry of Defence, Government of India, New Delhi, India.	Preparation of water repellent-cum preservative fluid.
105.	142694	16-1-1975	CINCINNATI MILACRON CHEMICALS INC., Reading, State of Ohio, U.S.A.	Preparing an organotin halide mercaptide.
106.	142699	23-09-1975	H.L.S. LTD. INDUSTRIAL ENGG. CO., Petah, Tikya, Israel.	Process for the Production of liquid edible oil or similar oils.
107.	142700	04-11-1975	HALDOR TOPSOE A/s, P.O. Box 49, DK-2860, Soborg, Denmark.	Process for preparing methane rich gases.
108.	142702	20-08-1975	SAGAMI CHEMICAL RESEARCH CENTER, Marumonchi, 1-4-5, Chiyoda-ku, Tokyo, 100 Japan.	Process for the preparation of esters of dihalovinyl cyclopropanecarboxylic acids.
109.	142711	09-04-1975	I.C.I LTD., Imperial Chemical House, Millbank, London SW 1, P 3 JF, England	Preparing a hard polymerised resin composition.
110.	142714	01-03-1975	AMERICAN HOME PRODUCTS CORPORATION, 685, Third Avenue, New York, U. S. A.	Preparation of Benzo bicycloalkane amines.
111.	142727	22-08-1974	HOECHST AG., 43, Brumsingstrasse, Frankfurt, Main, West Germany.	Preparation of new water soluble yellow reactive dyes.
112.	142735	17-12-1975	MCNEIL LABORATORIES INC., Camp Hill Road, Fort, Washington, Pennsylvania, U.S.A.	Preparation substituted thio sulfinyl and sulfonylinodoles.
113.	142738	11-06-1975	HINDUSTAN LEVER LTD., Hindustan Lever House, 165-166 Backbay Reclamation, Bombay-400 020, India.	Cosmetic composition.
114.	142753	31-03-1975	DR. C. OTTO & COMP. GMBH., Christstrasse, 9, 463, Bochum, West Germany.	Gasification of solid fuels.
115.	142758	29-03-1976	WACKER-CHEMIE GMBH., Crinzengertenstrasse, 22, 8 Munchen 22, West Germany.	Manufacture of organo-siloxane and an alkyl halide.
116.	142815	18-09-1975	UOP INC., 10 UOP Plaza-Algonquin & Mt. Prospects Roads, Des plaines, Illinois, U.S.A.	Treating chamber and its use for the coating and impregnating of catalyst support members.
117.	142825	02-09-1974	HOECHST AG., 6230, Frankfurt, Main 80, West Germany.	Preparation of water soluble monoazo-compounds.
118.	142836	09-10-1975	KURARAY CO. LTD., 1621, Sakazu, Kurashiki city, Japan.	Production of substituted cyclopropane carboxylic esters.
119.	142846	22-04-1975	SNAMPROGETTI S.P.A., 16 Corso Venezia, Milan, Italy.	Producing an improved catalyst materials.
120.	142853	03-09-1975	UOP INC., 10 UOP Plaza Algonquin, Prospects Roads, Das plaines, Illinois, U.S.A.	Process for the dehydrogenation of hydrocarbons.
121.	142857	09-10-1975	I.C.I LTD., Imperial Chemical House, Millbank, London SW 1 P, 3JF, England.	Nitroparaffin explosive composition.
122.	142861	16-01-1976	GOODYEAR TIRE AND RUBBER COMPANY, 1144, East Market Street, Akron, Ohio, U.S.A.	Improved method for preparing pigmented polyesters.
123.	142881	22-01-1975	HOECHST AG, 6230, Frankfurt/Main, West Germany.	Process for the continuous dyeing of cellulose fibres with reactive dyestuffs.
124.	142896	09-10-1975	KOMMANDITGESELLSCHAFT SCH. WARZHAUPT, Sachsenring, 37-47, 5 Kolin 1, West Germany.	Method for preparing a composition for the conjoint determination of the isoenzymes of lactate dehydrogenase.

1	2	3	4	5
125.	142930	13-11-1975	MINNESOTA MINING AND MANUFACTURING COMPANY, 3 M Center, Saint Paul, Minnesota, 55101, U.S.A.	Preparation of 2 (trifluoromethyl) methanesulfonanilide substituted in the P-position and derivatives thereof.
126.	142935	28-04-1976	DR. C. OTTO & COMP. GMBH., Christstrasse, 9, Bochum, West Germany	Tubular reactor for performing endothermal gas reactions.
127.	142983	27-11-1974	Do.	Coke oven battery.
128.	143034	08-04-1976	SOLVAY & CIE., 33, Rue due Prince Albert, B-1050, Brussels, Belgium.	Polymerisation of olefines.
129.	143073	17-07-1975	1. JOHSON & JOHNSON, 501, George Street, New Brunswick, New Jersey, U.S.A. 2. PUROLATAR INC 1, 970, New Brunswick Avenue, Rahway, New Jersey, U.S.A.	Blood filter element.
130.	143091	12-3-1975	DR. C. OTTO COMP. GMBH., 463, Bochum, West Germany.	Method of removing vapours and aerosols from gases produced during high temperature gasification and a plant for performing the method.
131.	143095	31-05-1976	Do.	Process for treating the gas-main washing liquid arising in coke ovens.
132.	143109	21-10-1974	PHILLIP MORRIS INCORPORATED 100, Park Avenue, New York, 10017, U.S.A.	Process and apparatus for expanding tobacco.
133.	143112	25-04-1975	HOECHST AG., 6230, Frankfurt/Main 80, West Germany.	Process for preparing copper Phthalocyanine pigments of the α modification.
134.	143116	17-10-1975	ISHIMARA SANGYO KAISHA LTD., 11-1, Edobon, Kamidori-1, chome-Nishiku, Osaka, shi Osaka, Japan.	Preparation of α -[4-(substituted pyridyl-2-oxy) Phenoxy] alkane carboxylic acids and derivatives thereof.
135.	143118	10-12-1975	ARBROOK INC. 2500, Arbrook Boulevard, Arlington, Texas, U.S.A.	Disinfectant agent.
136.	143122	17-02-1976	AGRO PROTEINE INDUSTRIE, 11 Rue de Madrid, Paris, 8 EME, France.	Improvements in an integrated process for the treatment of vegetable matters.
137.	143123	08-08-1974	USS ENGINEERS & CONSULTANTS 600 Grant Street, Pittsburgh, State of Pennsylvania, U.S.A.	Making iron oxide pellets.
138.	143126	17-10-1974	HOECHST AG., Frankfurt/Main 80, W. Germany.	Preparing 1 amino benzene-5- β sulfato ethylsulfone-2, 4-disulfonic acid, the 5-vinylsulfone compound and alkali salts thereof.
139.	143128	07-05-1975	UOP INC. 10 UOP Plaza, Algonquin & Mt. Prospect Roads, Des Plaines, Illinois, U.S.A.	Hydrocarbon conversion process.
140.	143137	12-03-1975	NORSK HYDRO A. S., Bygdoy, Alle 2, Oslo 2, Norway.	Process for manufacturing of phosphoric acid containing calcium phosphate.

COMMERCIAL WORKING OF PATENTED INVENTION : CHEMICAL LIST : VI

The following Patents in the field of Chemical Industry are not being commercially worked in India as admitted by the Patentees in the statements filed by them under section 146(2) of the Patents Act, 1970, in respect of Calendar year, 1980, generally on account of want of requests for Licence to work the Patented inventions.

Persons who are interested to work the said Patents commercially, may contact the Patentees for the grant of Licence for the purpose.

Sl. No.	Patent No.	Date of Patent	Name and address of Patentees	Title of the inventions.
1	2	3	4	5
1.	143177	18-02-1974	OWENS CORNING FIBREGLASS CORPORATION, Toledo, Ohio, U.S.A.	Method of forming glass fibres and apparatus therefor.

1	2	3	4	5
2.	143180	02-06-1975	NICO- PYROTECNIK HANNS— JURGEN DIEDERICHKG, 2077, Trittan, Bei Du Fenerworkerel, West Germany.	Impact detonator.
3.	143183	12-07-1976	DR. C. OTTO & COMP. GMBH, 463, Bochum, W. Germany.	Battery of coke ovens with regenerative heat exchange.
4.	143184	08-10-1976	SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V. Carel Van Bylandtlaan, 30, The Hague, The Netherlands.	Process for separation of dry particulate matter from a hot gas.
5.	143185	17-02-1977	BEECHAM GROUP LTD., Beecham House, Great West Road, Brentford, Middlesex, England.	Process for the preparation of 2-(carbamoyl) phenyl-2-acetoxybenzoate.
6.	143188	27-08-1974	UCB S.A. CHAUSSEE de Charleroi, Saint Gilles-lez-Bruxelles, Belgium.	Method and apparatus for continuous dehydration of maleic acid.
7.	143191	17-10-1974	HOECHST AG. 6230 Frankfurt/ Main 80, West Germany.	Preparation of new water soluble azo dyestuffs.
8.	143192	22-10-1974	SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B. V. Carel Van Bylandtlaan 30, The Hague, The Netherlands.	Process for the preparation of silver catalysts for the preparation of ethylene oxides.
9.	143197	20-03-1975	HOECHST AKTIENGESELLSCHAFT 6230, Frankfurt/Main 80, West Germany.	Coating composition.
10.	143203	15-10-1973	ANHEUSER BUSCH INC., 721, Poota-lozzi Street, St. Louis Missouri, U.S.A.	Production of glucose isomerase.
11.	143210	01-02-1975	DR. C. OTTO & COMP. GMBH., 463, Bocum, W. Germany.	Coke oven battery adapted for regenerative heating with lean gas.
12.	143222	31-10-1972	DEGUSSA, 9, Weissfraeustrasse, Frankfurt Main, West Germany.	Gas phase catalytic process for the manufacture of cyanogen chloride from chlorine and hydrogen cyanide.
13.	143223	23-07-1974	CIBA GIEGY AG., Klybeckstrasse, 141, Basle, Switzerland.	Manufacture of Vat-dyes.
14.	143234	12-01-1976	VULCAN CINCINNATI, 2900 Vernou Plance Cincinnati, Ohio, U.S.A.	Process for making urea from ammonia and carbondioxide.
15.	143236	28-09-1976	UOP INC., 10, UOP Plaza-Algonquin & Mt. Prospect Road, Des Plaines, Illinois, U.S.A.	Hydrogen fluoride alkylation process.
16.	143237	16-10-1976	OLIN CORPORATION, 91, Shelton Avenue, New Haven, Connecticut 06504 U.S.A.	Weld arresting composition.
17.	143243	22-07-1975	GENERAL ELECTRIC CO., 1, River Road, Schenectady, New York, U.S.A.	Method of producing silicon iron sheet material.
18.	143255	03-09-1974	KAMYR INC., Glens Falls, State of New York, U.S.A.	Process and apparatus for producing gas from gas producing materials.
19.	143258	12-10-1976	JOHNSON & JOHNSON, 501, George Street, New Brunswick, New Jersey, U.S.A.	Conditioning and cleaning shampoo composition non-irritating to eyes.
20.	143262	09-03-1976	THE VISVESVARAYA IRON & STEEL LTD., Bhadravati, Karnataka, 577301, India.	Production of ferro vanadium.
21.	143274	29-03-1975	ANIC S.P.A., Via Mariano Stabile, 216, Palermo, Italy.	Synthesis of substituted indolenines.
22.	143275	31-03-1975	DR. C. OTTO & COMP. GMBH. Bochum West Germany.	Coke guide machine movable on the coke-side of coke oven batteries.
23.	143279	07-01-1976	NORDISK INSULINLABORATOIUM, Ved Station 2 DK, 2820, Gentofte, Denmark.	Process for the preparation of a stable insulin preparation with protracted action and low antigenicity.
24.	143287	22-04-1975	SNAMPROGETTI S.P.A., 16 Corso Venezia, Milan, Italy.	Surface modifying of metal oxide catalyst.

1	2	3	4	5
25.	143288	25-07-1975	AVTEX FIBRES INC. 580, East Swedesford Road, P.O. Box 880, Valley Forge, Pennsylvania 19482, U.S.A.	Process for improving the filtration characteristics of neutralized waste liquor from viscose process.
26.	143292	19-05-1975	SNAMPROGETTI S.P.A., 16 Corso Venezia, Milan, Italy.	Separating butadiene from C4 hydrocarbon streams.
27.	143296	23-06-1975	UOP INC., 19 UOP Plaza-Algonquin & Mt. Prospect Roads, Des Plaines, Illinois, U.S.A.	Manufacture of hydrodesulphurisation catalyst.
28.	143299	04-12-1976	I.C.I. LTD., Imperial Chemical House, Millbank, London SW 1, P3JF, England.	Manufacture of difluoro methyl 1, 2, 2-trifluoroethyl ether.
29.	143315	18-03-1975	HOECHST AG., 6230 Frankfurt/Main 80, W. Germany.	Preparation of new water soluble naphthyl monoazo pyrazolone dyestuffs.
30.	143331	20-10-1975	C.S.I.R., Rafi Marg, New Delhi, India.	Manufacture of possolana cement with particular reference to possolana cement from paddy husk.
31.	143335	28-01-1975	HOECHST AG., 6230 Frankfurt/Main 80, W. Germany.	Preparation of pure, aromatic o-hydroxy carboxylic acid arylamides.
32.	143341	17-09-1975	AUSTRALIAN FERTILIZERS LTD., 213, Miller Street, North Sydney, State of New South Wales, Australia.	Production of granular ammonium sulphate.
33.	143352	29-10-1975	FERTILIZER INDIA LTD., P-43, Ring Road, South extension area, part-I, New Delhi, India.	Manufacture of gypsum plaster.
34.	143354	29-07-1976	I.C.I. LTD., Imperial Chemical House, Millbank, London SW 1 P 3JF, England.	Manufacture of hydroxy acids.
35.	143365	18-06-1975	HOECHST AG., 6230, Frankfurt/Main 80, W. Germany.	Preparation of watersoluble monoazo compounds.
36.	143365	21-06-1975	OTTO JUNKER GMBH., 5107, Simeonstift, West Germany.	Procedure for casting specified quantities of molten metal and device for carrying out this procedure.
37.	143374	24-10-1975	HOECHST AG., 6230, Frankfurt/Main 80, West Germany.	Process for the reactive dyeing and printing of fibrous materials containing hydroxy groups.
38.	143376	05-12-1975	METALLGESELLSCHAFT AG., 16 Frankfurt/Main A.M. Reuterweg 14, West Germany.	Method for production of heat by combustion of carbonaceous materials.
39.	143382	18-04-1975	Do.	Process for the production of purified hydrogen and carbon monoxide containing gas.
40.	143387	15-11-1975	C.S.I.R., Rafi Marg, New Delhi, India	Process for protection of aluminium and aluminium alloy sheets against corrosion during storage and damage by scratches during manufacturing process by resistant and strippable surface coating.
41.	143391	11-11-1974	DR. C. OTTO & COMP. GMBH, Bochum, West Germany.	Process for the isolation of crude benzol and naphthalene from the washing oil formed during the recovery of naphthalene and/or benzol from coke oven gas.
42.	143403	19-02-1975	CHINION GYOGYSZER, Es Vegveszeti Termekek Gyara RT of 1—5 to VI, Budapest IV, Hungary.	Process for preparing new acyl-phenoxy propanesulfoacids and salts thereof.
43.	143406	16-10-1975	FOSTER WHEELER ENERGY CORP. 111, South orange avenue, Livingston New Jersey, U.S.A.	Production of synthesis gas by partial oxidation a method for the recovery of unreacted carbon and apparatus for the same.
44.	143413	16-11-1974	DAVY POWERGAS INC., New Mulberry Highway, Lake Land, Florida, U.S.A.	Manufacturing wet process phosphoric acid.
45.	143419	13-04-1977	METALLURGICAL AND ENGINEERING CONSULTANTS LTD., Ranchi, 834002, Bihar, India.	Improved process and plant for treating acidic wastes.

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46.	143423	01-05-1974	E.I. Du Pont DE Nemours & Co., Wilmington, Delaware U.S.A.	Hydrometallurgical process to recover copper from sulfide ore concentrates.
47.	143438	15-01-1975	ANSTALT GEMASS, Vaduz, Liechtenstein	Method for continuous hydrolysis of pentosano containing material and apparatus for implementing the methods.
48.	143441	16-06-1975	AIKOH CO. LTD., 1—39, 2, Chome, Ikenohata, Taitoku, Tokyo, Japan.	Manufacturing killed steel ingots of superior quality.
49.	143457	02-01-1975	MONSANTO COMPANY, 800, North Lindbergh, Boulevard, St. Louis, Missouri, 63166, U.S.A.	Process of producing styrene from toluene.
50.	143469	19-11-1974	C.S.I.R. Rafi Marg, New Delhi, India	Process for the production of barium/ calcium petroleum sulphonates useful as detergent dispersant additives for motor oils.
51.	143470	27-06-1975	KARL KIENER, 7081, Gold shofe, Gstalb Kreis, West Germany.	Process and apparatus for the produc- tion of combustible gas from waste material.
52.	143477	19-04-1975	CATERPILLAR TRACTOR CO., 100 N.E. Adams Street, Peoria, 61602, U.S.	Method for manufacturing wear resis- tant alloy.
53.	143499	01-02-1975	DR. C. OTTO & COMP. GMBH. Christstrasse 9, Poastfacth 184901850, 643 Bochym, West Germany.	Underjet coke oven batteries.
54.	143501	02-05-1975	SHELL INTERNATIONALE RE- SEARCH MAATSCHAPPIJ B.V. Carel Van Bylandtlaan 30, The Hague, The Netherlands.	Process and apparatus for producing a fuel gas by partially combusting a fuel that contains ash and yields a hot product gas containing sticky parti- cles.
55.	143503	19-08-1975	HOECHST AG., 6230, Frankfurt/Main 80, W. Germany.	Preparation of early dispersible phtha- locyanine pigments of the B- modifications.
56.	143545	05-05-1975	LUDWIG TAPROGGE RUNIGUNG- SAULAGEN FUR HOMRENWAR- MEA-USTAUSCHER, 4034 Angermund Wacholderstrasse 7, West Germany.	Process and equipment for the condens- ation of steam.
57.	143558	15-07-1975	CONTINENTAL CARBON CO., 4120 South West Freeway, Houston, Texas, 77027, U.S.A.	Manufacturing of furnace carbon Blacks.
58.	143561	20-08-1975	SAGAMI CHEMICAL RESEARCH CENTER, Marumouchi, 1-4-5, Chiyoda- ku-Tokyo 100, Japan.	Process for preparing a vinyl cyclo- propane-carboxylate.
59.	143563	22-10-1974	SHEEL INTERNATIONALE RE- SEARCH MAATSCHAPPIJ B. V. Carel Van Bylandtlaan 30, The Hague, The Netherlands.	Production of ethylene oxide.
60.	143564	21-04-1977	ELKEM-SPIGERVERRKET A/S, Alke- mhuset Middlehungle 27, Oslo 3, Norway.	Method of increasing the bulk density of colloidal silica dust.
61.	143577	30-03-1976	WARNER-LAMBERT COMP. 201 Tabor Road, Morris Plains, New Jersey 07950, U.S.A.	Process for the preparation of 4-hydro-xy- 3-(5-Methyl-3-isoxazoyl-carbamoyl)-2- 1- methyl -2H-1, 2-benzo-thiazine-1, 1-dioxide.
62.	143602	12-12-1974	LUBRIZOL CORPORATION, Box 17100 Euclid Station, Cleveland, 44117, U.S.A.	Preparation of hydroxyalkyl hydroxy aromatic condensation products.
63.	143642	01-01-1976	BASF FABEN P FASERN AG., D-2000, Hamburg 30, Am New Market, West Germany.	Method of preserving and protecting steel object from corrosion.
64.	143649	15-09-1976	C.S.I.R., Rafi Marg, New Delhi-110001, India.	Preparation of cholesterol from the brain of goat, sheep and buffalo.
65.	143660	12-02-1975	LUBRIZOL CORPORATION Box 17100, Euclid Station, Cleveland 44117, U.S.A.	Method for preparing an oil soluble nitrogen containing composition use- ful in lubricants & fuels.
66.	143692	20-01-1979	C.S.I.R., Rafi Marg, New Delhi, India.	Preparation of copper sulphate utilising waste sulphuric acid.

1	2	3	4	5
67.	143710	14-06-1976	SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V. Carel Van Bylandtlaan 30, The Hague, The Netherlands.	Process for the dehydrogenation of hydrocarbon with the aid of an iron containing catalyst.
68.	- 143715	21-04-1976	C.S.I.R. , Rafi Marg, New Delhi, India.	Recovering precipitated calcium carbonate from press mud of sugar factories following carbonation process for clarification of sugar cane juice.
69.	143727	19-01-1976	TOYOMA CHEMICAL CO. LTD., 1—18, Kayabacho, Nihonbashi chuo-ku, Tokyo, Japan.	Producing cephalosporins.
70.	143729	05-05-1976	F.L. SMIDTH & CO. A/s, 77, viger-slev Alle, DK-2500 Valby, Copenhagen, Denmark.	Method of calcining pulverous and granular raw material and a kiln plant for same.
71.	143731	16-02-1977	C.S.I.R., Rafi Marg, New Delhi, India.	Process of making breath alcohol analysers for detecting alcohol in breath.
72.	143734	02-04-1975	HOECHST AG., 6230, Frankfurt/Main 80, W. Germany.	Liquid aqueous dyeing separation of reactive dye stuffs.
73.	143739	05-01-1976	SHINETSU CHEMICAL CO. LTD., 6—1, Otemachi, 2-chome chiyoda-ku, Tokyo, Japan.	Polymerization of vinylchloride monomers.
74.	143741	17-03-1976	MINNESOTA MINING AND MANUFACTURING CO., 3 M Center, Saint Poul, Minnesota, 55101.	Method of curing polyaminophenol epoxy resin.
75.	143746	18-07-1975	DEERE & CO., JOHN DEERE Rd., Maline, Illinois, 61265, U.S.A.	Improved process for the production of cast nodular iron.
76.	143759	21-07-1976	C.S.I.R., Rafi Marg, New Delhi- 110001, India.	Synthesis of 1-aryl/alkyl/aralkyl/6-oxo-pyrimidines.
77.	143773	20-10-1975	SHIN ESTU CHEMICAL CO. LTD., 6—1, Otemachi, 2-Chome, Chiyoda-ku, Tokyo, Japan.	Bulk polymerization of vinylchloride.
78.	143774	28-06-1975	HIROSHI TEZUKA, 20—2, 1-chome, Higashi, Shibuya-ku, Tokyo, Japan	Explosive slurry composition and a process for preparing the same.
79.	143789	28-02-1977	SHEEL INTERNATIONALE RESEARCH MAATSCHAPPIJ B. V. Carel Van Bylandtlaan 38, The Hague, The Netherlands.	Preparation of pesticidal benzyl esters.
80.	143794	11-06-1975	IMITSU TOATSU CHEM INC., 2—5, Karumigaseki, 3-chome chiyoda-ku Tokyo, Japan.	Improvements in chemical process and apparatus therefor.
81.	143800	20-09-1975	METALLGESELLSCHAFT AG. Frankfurt Am. Reuterweg, 14, West Germany.	Method of carrying out endothermic process.
82.	143802	31-05-1976	Do.	Separating solid granular metallurgical products and their precursors on a plurality of nearly vibrating screens.
83.	143822	14-08-1975	HOECHST AG., 6230, Frankfurt/Main 80, W. Germany.	Purification of crude polyhalo copper phthalocyanines.
84.	143853	25-01-1977	Do.	Process for dyeing cellulose fibres with water insoluble azodyestuffs produced on the fibre.
85.	143854	03-07-1975	METALLGESELLSCHAFT AG., 16 Frankfurt/AM, Reuterweg 14, West Germany.	Process of purifying gases produced by a gasification of solid fossile fuels by a treatment with water vapour and oxygen under super atmospheric pressure.
86.	143874	18-01-1977	SHEEL INTERNATIONALE RESEARCH MAATSCHAPPIJ B. V. Carel Van Bylandtlaan 30, the Hague, The Netherlands.	Process and apparatus for preparation of dewatered carbonaceous particles.
87.	143876	24-07-1975	NUOVO PIGNONE, S.P.A. , Via F. Matteucci 2, Firenze, Italy.	Process for producing oxygen and/or nitrogen in the liquid state.

1	2	3	4	5
88.	143877	29-10-1975	FERTILIZER INDIA LTD., P.O. Sindri, Dt. Dhanbad, Bihar, India.	Manufacture of sulphur from by product gypsum.
89.	143878	29-10-1975	Do.	Manufacture of sulphur from pyrite ferrous shale.
90.	143881	29-03-1975	SNAMPROGETTI S.P.A., 16 Corso Venezia, Milan, Italy.	Process for recovering urea powder.
91.	143889	11-11-1975	HOECHST AKTIENGESELLSCHAFT, 6230, Frankfurt/Main 80, West Germany.	Manufacture of polymer mixture for making intermediate sheeting for laminated glass.
92.	143892	12-12-1975	HOLLANDSE SIGNAALAPPARATEN B.V., Zuidelijke Havenweg 40, Hengelo (o), The Netherlands.	Manufacture of twistless or substantially twistless yarn and yarn manufactured by the application of that method.
93.	143905	02-04-1975	METALLGESELLSCHAFT AG., 6, Frankfurt, AM. Reuterweg, 14, West Germany.	Process for the direct reduction of iron oxide containing materials in a rotary kiln.
94.	143906	07-05-1976	C.S.I.R., Rafi Marg, New Delhi, India.	Process for electrochemical preparation of beta phenyl ethylamine hydrochloride from benzyl cyanide.
95.	143911	22-10-1975	RHEINISCH-WESTFALISCHES ELECTRIZITÄTSWERK AG., 43, Essen, Krupstrasse 5, West Germany.	Preparation of synthetic manganese dioxide.
96.	143912	24-11-1975	LOHJA Ab., 8700 Virkkala, Finland.	Process and apparatus for producing compound thin films.
97.	143915	10-12-1975	ARBROOK INC., 2500 Arbrook, Boulevard, Arlington, Texas, U.S.A.	Method of treating medical and surgical instruments, household objects to render them sterile.
98.	143935	08-03-1977	CONTINENTAL CARBON CO., 4120, South West, Freeway, Houston, Texas, 77027, U.S.A.	Method and apparatus for the combustion of waste gases.
99.				
100.	143956	18-09-1975	CHINION GYOGYSZERI ES VEGYESZETI TERMEKAK GYARA RT. TO-UTCA 1—5, Budapest IV, Hungary.	Preparation of N-(2-benzhydryl ethyl)-N-(1-phenyl ethyl)-amine and pharmaceutically acceptable salts thereof.
101.	143962	04-05-1976	INDIAN SPACE RESEARCH ORGANISATION, Department of Space 'F' Block, Cauvery Bhavans, Distt: office Road Bangalore, 560009, India.	Production of hydrocarbons from vegetable oils.
102.	143968	12-08-1974	CIBA GIEGY OF INDIA LTD., Aarey Road, Goregaon East Bombay 400063, Maharashtra, India.	Process for the manufacture of nitro-imidazoles.
103.	143969	12-08-1974	Do.	Process for the manufacture of nitro-imidazoles.
104.	143982	17-11-1975	HOECHST AG., 6230, Frankfurt/Main 80, W. GERMANY.	Liquid preparation of reactive dyestuffs.
105.	143985	28-04-1976	C.S.I.R., Rafi Marg, New Delhi, India.	Synthesis of substituted-2-naphthalimides as cestocidal agents.
106.	143986	29-04-1976	METALLGESELLSCHAFT AG., 16 Frankfurt Reuterweg., 14, West Germany.	Production of gas from solid fuels.
107.	143987	24-12-1974	TAKEDA CHEMICAL INDUSTRIES LTD., 27 Dash Oma chi 2, chome Higashiku, Osaka, Japan.	Preparing cephalosporin derivatives.
108.	144020	30-09-1975	HOECHST AG., 6230 Frankfurt/Main 80, W. Germany.	Preparation of a novel water soluble benzoxanthene and benzothioxanthene compounds.
109.	14025	19-02-1977	I.C.I. LTD., Imperial Chemical House, Millbank, London SW1, England.	Process and apparatus for treatment of waste water.
110.	144027	14-04-1977	LUBRIZOL CORPORATION., Box 17100, Euclid Station, Cleveland, Ohio 44117, U.S.A.	Process for preparing magnesium containing complexes.
111.	144044	19-12-1974	MIDREX CORPORATION, One NCNB Plaza, Charlotte, North Carolina, 28280, U.S.A.	Process for reducing iron oxide to metallic sponge iron with liquid or solid fuels.

1	2	3	4	5
112.	144061	21-07-1976	NORDMARKWERKE GMBH, Hamburg Werk Vetersen/Holstun in D-2082, Vetersen West Germany.	Production of new oxazolidinones.
113.	144063	11-06-1974	UNION CARBIDE CORPORATION, 270 Park Avenue, New York State of New York, 10017, U.S.A.	Catalytic process for the preparation of polyhydric alcohols and derivatives thereof.
114.	144093	25-08-1976	TOYOMA CHEMICAL CO. LTD., 1—18, Kayabacho, Nihonbashi chuo-ku, Tokyo, Japan.	Process for producing novel penicillins and cephalosprins.
115.	144109	01-12-1975	LINDE AKTIENGESELLSCHAFT, Abraham-Lincoln, Strasse-21, D-62, Wiesbaden, West Germany.	Separation of hydrogen and carbon dioxide in a process for the production of hydrogen and carbon dioxide.
116.	144118	11-07-1975	Dr. C. OTTO & COMP. GMBH., Bochum, West GERMANY.	Slag bath generator adapted to operate under pressure.
117.	144119	03-09-1975	HOECHST AG., 6230, Frankfurt/Main 80, West Germany.	Composition of matter comprising of dyestuff pigment or optical brightener and a condensation product of alkyl-naphthalene and sulfonic acid and formaldehyde.
118.	144120	30-09-1975	HOECHST AG., 6230, Frankfurt/Main 80, W. Germany.	Process for the dyeing and printing of synthetic polyamides.
119.	144126	16-06-1976	CHINOIN GYOGYSZER, E 5 Vegyeszeti, Termekek, Gyara QT., To Utca, 1—5, Budapest IV, Hungary.	Preparation of new malonic esters.
120.	144135	23-09-1975	H.L.S. Ltd., INDUSTRIAL ENG. CO., Petah, Tikva, Israel.	Process for separating oils and fats into liquid and solid fractions.
121.	144144	22-07-1975	GENERAL ELECTRIC CO., 1 River Road, Schenectady, New York, U.S.A.	Method of producing silicon iron sheet material with boron additives.
122.	144147	29-07-1975	C.S.I.R. Rafi Marg, New Delhi, India.	Electrochemical preparation of O-toluidine sulphate from O-nitrotoluene.
123.	144150	10-10-1975	ZAKLADY AZOTOWE IM F. DZIERZYNSKIEGO., Tarnow, ul Lipowa 23—101 Tarnow, Poland.	Method for oxidation of hydro-carbons in the liquid phase under pressure by oxygen containing gases preventing disturbances and/or effects of disturbances in the reaction system.
124.	144152	06-11-1975	METALLSESELLSCHAFT AG., 16, Frankfurt AM Reuterweg 14, West Germany.	Gravity separation process for removing tar from an aqueous condensate.
125.	144157	16-06-1976	JOHNSON & JOHNSON, 501, George St. New Brunswick, New Jersey, U.S.A.	Preparing digestive enzyme composition.
126.	144179	21-08-1974	DR. C. OTTO & COMP. GMBH., Bochum, West Germany.	Preparing gases free of ammonia hydrogen sulphide and hydrocyanic acid from gases which contain these substances.
127.	144191	23-09-1976	C.S.I.R., Rafi Marg, New Delhi, India.	Electrochemical production of 2-hydroxy para amino benzoic acid from 2-hydroxy-p-nitrobenzoic acid.
128.	144206	07-05-1976	(1) METALLGESELLSCHAFT AG., Reuterweg 14, D—16, Frankfurt AM Main, West Germany. (2) CHEMIE LINZ AG., 4021, Linz, St. Peterstrasse, 25, West Germany.	Continuous process of recovering pure concentrated ammonia.
129.	144216	09-05-1975	EL DU PONT DE NEMOURS & Co., Wilmington, Delaware U.S.A.	An oriented filament of polyester and a method of making same.
130.	144219	28-10-1975	METALLGESELLSCHAFT AG., 16 Frankfurt/AM. Reuterweg, 14 West Germany.	Process of separating and recovering solids and clear liquid phase from dispersions.
131.	144220	27-04-1976	HOECHST AG., 6230 Frankfurt/Main 80, W. Germany.	Preparation of 5 acetoacetyl amino benzimidazolone.

1	2	3	4	5
132.	144221	27-04-1976	HOECHST AG., 6230 Frankfurt/Main 80, W. Germany	Preparation of N-acetoacetyl-2, 5-dimethoxy-4-chloranilide -5
133.	144228	31-08-1976	COMBUSTION ENG., INC., 1000 Prospect Hill Road, Windsor, Connecticut, U.S.A.	System for extracting heat from the combustion gases being exhausted from the furnaces of a steam generator.
134.	144241	29-05-1976	PHILLIPS PETROLEUM CO., Bartlesville, State of Oklahoma, U.S.A.	Production of microbial cells useable as food source.
135.	144252	02-12-1974	MONSANTO COMPANY, 800 North Lindbergh Boulevard, St. Louis, Missouri, 63166, U.S.A.	Preparing navel bisphosphine compounds.
136.	144264	30-07-1975	SNAMPROGETTI S. P. A., 16 Corso, Venezia, Milan, Italy.	Production of polyiminoalanes.
137.	144277	17-05-1976	CIBA-GIEGY OF INDIA LTD., Aarey Road, Goregaon (E), Bombay 400063, Maharashtra, India.	Process for the production of novel hetero-cyclic compounds.

**REGISTRATION OF ASSIGNMENTS, LICENCES, ETC.
(PATENTS)**

Assignments, licences or other transactions affecting the interests of the original patentees have been registered in the following cases. The number of each case is followed by the names of the parties claiming interests:—

106066 }
119989 } M/S. G. L. Wallis & Son Limited.
145357 }
145332 }
145356 }
143790 } M/S. Kennecott Corporation.
140849 }
105795 }

**PATENTS DEEMED TO BE ENDORSED WITH
THE WORDS 'LICENCES OF RIGHT'**

The following patents are deemed to have been endorsed with the words "Licences of right" under Section 87 of the Patents Act, 1970. The dates shown in the crescent brackets are the dates of the patents.

No.	Title of the invention
143649 (15.09.76)	A process for the preparation of cholesterol from the brain of goat, sheep and buffalo.
143791 (06.02.75)	Process for producing carbon black.
143799 (02.11.74)	Process for the preparation of catalyst composition especially useful for preparation of unsaturated acids.
143805 (23.11.76)	Process for decaffeination of vegetable materials.
143813 (07.08.76)	Process for the manufacture of highly concentrated phosphoric acid.
143841 (28.05.77)	Process for the preparation of cisclomiphene citrate and transclomiphene citrate in the ratio of 3 : 2.
143854 (03.07.75)	Process of purifying gases produced by a gasification of solid fossile fuels by treatment with water vapour and oxygen under super-atmospheric pressure.
144160 (16.12.74)	An improvement in a process for the preparation of polycarbonates.
144289 (17.11.76)	Process for preparing new 6-aryl-5-triazolo-(4, 3a)-pyrido (2, 3-f)-1, 4-diazepines.

RENEWAL FEES PAID

110209 110482 110650 110562 110866 111192 111645 115587
115729 120191 120276 120291 120456 121189 121253 121392
121600 125562 125907 125984 126509 126520 126529 126560
126800 126815 127856 130560 130698 131239 131242 131328
131405 131429 131458 131502 134552 135042 135555 135735
135784 135859 135932 136133 136134 136142 136377 136486
136652 136760 137017 137120 137260 137631 138035 138370
138592 138814 138822 139231 140022 140740 140786 141217
141289 141354 141382 141446 141476 141694 141886 141923
142009 142023 142072 142317 142678 142790 142798 143137
143186 143292 143366 143562 143571 143574 143674 143776
143794 143820 143924 144498 144564 144694 144725 144767
144776 144788 145106 145199 145251 145492 145825 146078
146084 146129 146157 146177 146351 146361 146446 146558
146839 146884 146932 147028 147067 147100 147142 147158
147543 147611 147670 148208 148269 148369 148475 148478
148501 148513 148524 148540 148591 148605 148630 148834
148836 148857 148867 148868

RESTORATION PROCEEDINGS

(1)

Notice is hereby given that an application for restoration of Patent No. 107292 dated the 1st October, 1966 made by Exxon Research and Engineering Company on the 24th May, 1980 and notified in the Gazette of India, Part-III, Section 2 dated the 17th October, 1981 has been allowed and the said patent restored.

(2)

Notice is hereby given that an application for restoration of Patent No. 111300 dated the 28th June, 1967 made by Jahar Lal Bose on the 22nd April, 1981 and notified in the Gazette of India, Part III, Section 2 dated the 24th Oct., 1981 has been allowed and the said patent restored.

(3)

Notice is hereby given that an application for restoration of Patent No. 122536 dated the 30th July, 1969 made by Exxon Research and Engineering Company on the 17th June, 1980 and notified in the Gazette of India, Part III, Section 2 dated the 17th Oct., 1981 has been allowed and the said patent restored.

(4)

Notice is hereby given that an application for restoration of Patent No. 135954 dated the 27th April, 1972 made by Shyam Sundar Ghosh on the 25th April, 1981 and notified in the Gazette of India, Part-III, Section 2 dated the 24th October, 1981 has been allowed and the said patent restored.

(5)

Notice is hereby given that an application for restoration of Patent No. 146163 dated the 26th April, 1976 made by Dana Corporation on the 24th April, 1981 and notified in the Gazette of India, Part III, Section 2 dated the 17th Oct., 1981 has been allowed and the said patent restored.

REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Designs Act, 1911.

The date shown in the each entry is the date of registration of the design included in the entry.

Class 3. No. 151115. Hongkong International 52/37, Ramjas Road, Karol Bagh, New Delhi 110005, India a partnership firm, "Children's Indoor Game". August 22, 1981.

Class 3. No. 151063. Sonu Garments Private Ltd., K-52, Connaught Circus, New Delhi-110001, "Flexible Multiplier". August 6, 1981.

Class 3. No. 151479. Top In India Plastics, 6C Thacker Industrial Estate, 3rd Floor, Near Sitaram Mills, N. M. Joshi Marg, City of Bombay State of Maharashtra India, "TUCS", January 16, 1982.

Class 3. No. 151080. Dolly Plastic Industries, 13/14, Deputy Ganj, Sadar Bazar, Delhi-110007, An Indian Partnership concern "Jar". August 10, 1981.

Class 3. No. 151081. Sigma Industries Corporation, A-63/3, G.T. Karnal Road Industrial Area, Delhi-110033, India, an Indian Partnership Concern, "Mat for automobiles". August 10, 1981.

Class 3. No. 151083. Asian Advertisers, 20, Kala Bhavan, 3, Mathew Road, Opera House, Bombay-400004, Maharashtra, an Indian Partnership Firm, "Key Chain". August 11, 1981.

Class 3. No. 151085. Asian Advertisers, 20, Kala Bhavan, 3, Mathew Road, Opera House, Bombay-400004, Maharashtra, an Indian Partnership Firm, "Table Calender". August 11, 1981.

Class 3. No. 151086. Asian Advertisers, 20, Kala Bhavan, 3, Mathew Road, Opera House, Bombay-400004, Maharashtra, an Indian Partnership Firm, August 11, 1981.

Class 3. No. 151087. Asian Advertisers, 20, Kala Bhavan, 3, Mathew Road, Opera House, Bombay-400004, Maharashtra, an Indian Partnership Firm, "Mirror Stand". August 11, 1981.

Class 3. No. 151088. Asian Advertisers, 20, Kala Bhavan, 3, Mathew Road, Opera House, Bombay-400004, Maharashtra, an Indian Partnership Firm, "Paper Weight". August 11, 1981.

Class 3. No. 151089. Asian Advertisers, 20, Kala Bhavan, 3, Mathew Road, Opera House, Bombay-400004, Maharashtra, an Indian Partnership Firm, "Ash Tray". August 11, 1981.

Class 3. No. 151304. Vinod Plastic Industries Private Ltd., 56-B, Rama Marg, Najafgarh Road, Industrial Area, New Delhi-15, an Indian Company, "Sole for Footwear". November 3, 1981.

Class 3. No. 151305. Vinod Plastic Industries Private Ltd., 56-B, Rama Marg, Najafgarh Road Industrial Area, New Delhi-15, an Indian Company, "Sole for Footwear". November 3, 1981.

Class 3. No. 151029. Elys Chemical Laboratories Private Limited, a private limited company incorporated under the Indian Companies Act, having its registered office at 201-B, Poonam Chambers, Dr.

Annie Besant Road, Worli, Bombay-400018, Maharashtra, India, "Container". July 25, 1981.

Class 3. No. 151028. Elys Chemical Laboratories Private Limited, a private limited company incorporated under the Indian Companies Act, having its registered office at 201-B, Poonam Chambers, Dr. Annie Besant Road, Worli, Bombay-400018, Maharashtra, India, "Blood Administration Set". July 25, 1981.

Class 3. No. 151025. Anjali Products, 170 Bombay Talkies Compound, Malad (West), Bombay-400064, State of Maharashtra, India, "A Three-in-one (Chipping, Peeling and Scraping) Chipser made of plastic". July 24, 1981.

Class 3. No. 151008. Popatlal Ranamal Shah an Indian citizen trading as Plastex, an Indian sole Proprietary concern, of A to Z Industrial Estate, Unit No. 345, 3rd Floor, Fergusson Road, Lower Parel, Bombay-400013, BC, Maharashtra, India, "Spray Pump". July 17, 1981.

Class 3. No. 151024. Anjali Products, 170, Bombay Talkies Compound, Malad (West), Bombay-400064, State of Maharashtra, India, "A Vegetable, Fruits Scraper-cum-Juicer made of Plastic". July 24, 1981.

Class 3. No. 151023. Anjali Products, 170, Bombay Talkies Compound, Malad (West), Bombay-400064, State of Maharashtra, India, "A Two-way Chip-ser made of plastic". July 24, 1981.

Class 3. No. 151013. Automats (India) 2-A, Sindhu House, Nanabhai Lane, Fort, Bombay-400002, Maharashtra, an Indian partnership Firm, "Autoroll". July 21, 1981.

Class 3. No. 151007. Popatlal Ranamal Shah an Indian citizen trading as Plastex, an Indian sole Proprietary concern, of A to Z Industrial Estate, Unit No. 345, 3rd Floor, Fergusson Road, Lower Parel, Bombay-400013 BC, Maharashtra, India, "Spray Pump". July 17, 1981.

Class 3. No. 150969. Phiroze Sethna Private Limited, a Private Limited Company incorporated under the Indian Companies Act having its registered office at Royal Insurance Building, 14, Jamshedji Tata Road, Bombay-400020, Maharashtra, "Freshner for Refrigerator". July 7, 1981.

Class 3. No. 150960. Amtrax Investments Pvt. Ltd., 418, Dalmal Tower, Natiman Point, Bombay-400021, Maharashtra State, India, "Front Grill of Air Conditioner/Cooler". June 30, 1981.

Class 3. No. 151331. Kishor Premjibhai Dedhia, an Indian National of Ruji Building, B-Wing, Block No. 37, Ratilal Bechardas Mehta Road, Ghatkopar, 400077, City of Bombay, State of Maharashtra, India, "Electric Irons", November 12, 1981.

Class 3. No. 151388. Ossa Products, 13, Aziz Estate, 286, B.S.G. Barve Marg, Kurla West, Bombay-400070, State of Maharashtra, India, "A Cap for Bottle". December 7, 1981.

Class 3. No. 151362. Kusum Kumar Arora, Gurbax Rai, Sudershan Kumar Malhotra and Satya Vati Malhotra, India, Partners trading as Narain Sales Organization, Bazar Kathian, Amritsar (Punjab) India, "Container". November 24, 1981.

Class 3. No. 151361. Central Footwear Company, an Indian partnership concern, J-23, Udyog Nagar (near Nangloi), Rohtak Road, Delhi, "Shoe". November 24, 1981.

Class 3. No. 151360. Praga Die Casting & Metal Industries, a Registered partnership Firm, is A/31, Laghu Udyog Kendra, I.B. Patel Road, Goregaon (East) Bombay-400063, Maharashtra, India, "Fix a Baby Fridge Toy". November 24, 1981.

Class 3. No. 151068. Ashish Enterprises, an Indian Sole Proprietors firm of 303 Cawasji Hormusji Street